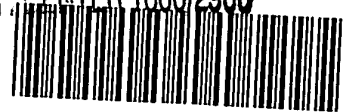


JUN 21 2002

TEC: ENTER 1600/2900



PT#16

1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/635,679C

DATE: 06/06/2002

TIME: 15:11:45

Input Set : A:\sequence.list.ascii.txt

Output Set: N:\CRF3\06062002\I635679C.raw

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3 <110> APPLICANT: Habener, Joel
5 <120> TITLE OF INVENTION: Insulinotropic Hormone and Uses Thereof
7 <130> FILE REFERENCE: 0609.1090009
9 <140> CURRENT APPLICATION NUMBER: 09/635,679C
10 <141> CURRENT FILING DATE: 2000-08-10
12 <150> PRIOR APPLICATION NUMBER: 09/090,949
13 <151> PRIOR FILING DATE: 1998-06-05
15 <150> PRIOR APPLICATION NUMBER: 08/749,762
16 <151> PRIOR FILING DATE: 1996-11-20
18 <150> PRIOR APPLICATION NUMBER: 08/156,800
19 <151> PRIOR FILING DATE: 1993-11-23
21 <150> PRIOR APPLICATION NUMBER: 09/532,111
22 <151> PRIOR FILING DATE: 1990-06-01
24 <150> PRIOR APPLICATION NUMBER: 07/148,517
25 <151> PRIOR FILING DATE: 1988-01-26
27 <150> PRIOR APPLICATION NUMBER: 06/859,928
28 <151> PRIOR FILING DATE: 1986-05-05
30 <160> NUMBER OF SEQ ID NOS: 4
32 <170> SOFTWARE: PatentIn version 3.1
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51 atg aag acc gtt tac atc gtg gct gga ttg ttt gta atg ctg gta caa 108
52 Met Lys Thr Val Tyr Ile Val Ala Gly Leu Phe Val Met Leu Val Gln
53 1 5 10 15
55 ggc agc tgg cag cat gcc cct cag gac acg gag gag aac gcc aga tca 156
56 Gly Ser Trp Gln His Ala Pro Gln Asp Thr Glu Glu Asn Ala Arg Ser
57 20 25 30
59 ttc cca gct tcc cag aca gaa cca ctt gaa gac cct gat cag ata aac 204
60 Phe Pro Ala Ser Gln Thr Glu Pro Leu Glu Asp Pro Asp Gln Ile Asn
61 35 40 45
63 gaa gac aaa cgc cat tca cag ggc aca ttc acc agt gac tac agc aaa 252
64 Glu Asp Lys Arg His Ser Gln Gly Thr Phe Thr Ser Asp Tyr Ser Lys
65 50 55 60

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67 tac cta gac tcc cgc cgt gct caa gat ttt gtg cag tgg ttg atg aac
68 Tyr Leu Asp Ser Arg Arg Ala Gln Asp Phe Val Gln Trp Leu Met Asn
69 65 70 75 80
71 acc aag agg aac cgg aac aac att gcc aaa cgt cat gat gaa ttt gag
72 Thr Lys Arg Asn Arg Asn Asn Ile Ala Lys Arg His Asp Glu Phe Glu
73 85 90 95
75 agg cat gct gaa ggg acc ttt acc agt gat gtg agt tct tac ttg gag
76 Arg His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu
77 100 105 110
79 ggc cag gca gca aag gaa ttc att gct tgg ctg gtg aaa ggc cga gga
80 Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
81 115 120 125
83 agg cga gac ttc cgg gaa gaa gtc gcc ata gct gag gaa ctt ggg cgc
84 Arg Arg Asp Phe Pro Glu Glu Val Ala Ile Ala Glu Glu Leu Gly Arg
85 130 135 140
87 aga cat gct gat gga tcc ttc tct gat gag atg aac acg att ctc gat
88 Arg His Ala Asp Gly Ser Phe Ser Asp Glu Met Asn Thr Ile Leu Asp
89 145 150 155 160
91 aac ctt gcc acc aga gac ttc atc aac tgg ctg att caa acc aag atc
92 Asn Leu Ala Thr Arg Asp Phe Ile Asn Trp Leu Ile Gln Thr Lys Ile
93 165 170 175
95 act gac aag aaa taggaatatt tcaccattca caaccatctt cacaacatct
96 Thr Asp Lys Lys
97 180
99 cctgccagtc acttgggatg tacatttgag agcatatccg aagctatact gctttgcatg
101 cggacgaata catttccctt tagcgttggtg taacccaaag gttgtaaagt gaataaagtt
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107 tcgcagtcac gacacctgga ttacaacaac agaagacatg gtaacctggt aaccgtagtg
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129 20 25 30
132 Phe Pro Ala Ser Gln Thr Glu Pro Leu Glu Asp Pro Asp Gln Ile Asn
133 35 40 45
136 Glu Asp Lys Arg His Ser Gln Gly Thr Phe Thr Ser Asp Tyr Ser Lys
137 50 55 60
140 Tyr Leu Asp Ser Arg Arg Ala Gln Asp Phe Val Gln Trp Leu Met Asn
141 65 70 75 80
144 Thr Lys Arg Asn Arg Asn Asn Ile Ala Lys Arg His Asp Glu Phe Glu

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/635,679C

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TIME: 15:11:45

Input Set : A:\sequence.list.ascii.txt

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148 Arg His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu
149      100      105      110
152 Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
153      115      120      125
156 Arg Arg Asp Phe Pro Glu Glu Val Ala Ile Ala Glu Glu Leu Gly Arg
157      130      135      140
160 Arg His Ala Asp Gly Ser Phe Ser Asp Glu Met Asn Thr Ile Leu Asp
161 145      150      155      160
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168 Thr Asp Lys Lys
169      180
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187      20      25      30
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201 1      5      10      15
204 Gln Ala Ala Lys Glu Phe (Ile) Ala Trp Leu Val Lys Gly Arg
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/635,679C

DATE: 06/06/2002

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Input Set : A:\sequence.list.ascii.txt

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